

Supplementary Table 5. Comparison of miRNAs in EC cells and OSC patient samples.

159 miRNAs (37 upregulated and 122 downregulated) were specifically expressed in Ovarian Serous Carcinoma (OSC) samples compared to normal ovary. These are ranked and are listed below. 11 of the 203 (55%) miRNAs commonly expressed by both undifferentiated EC cell types were OSC-specific. Of this 55%, 87 miRNAs were upregulated and 24 downregulated. Finally, of the 21 2102Ep-specific miRNAs identified in this study, seven were downregulated and three upregulated in OSC samples, which are listed below. Locations on chromosome 19 and 14 are highlighted in red and blue respectively.

| miRNA UpReg | Undiff EC & Up in OSC | miRNA DownReg | Undiff EC & Down in OSC | 2102Ep & OSC |
|-------------|-----------------------|---------------|-------------------------|--------------|
| miR-10a | miR-130b | let-7a | let-7a | Down |
| miR-130b | miR-135b | let-7b | let-7b | miR-376a |
| miR-135b | miR-182 | let-7c | let-7d | miR-379 |
| miR-141 | miR-183 | let-7d | let-7e | miR-493 |
| miR-182 | miR-184 | let-7e | let-7g | miR-527 |
| miR-183 | miR-187 | let-7f | let-7i | miR-508 |
| miR-184 | miR-18a | let-7g | miR-1 | miR-503 |
| miR-187 | miR-200b | let-7i | miR-100 | miR-10b |
| miR-18a | miR-200c | miR-1 | miR-101 | Up |
| miR-200a | miR-203 | miR-100 | miR-125a | miR-213 |
| miR-200b | miR-20b | miR-101 | miR-125b | miR-224 |
| miR-200c | miR-218 | miR-10b | miR-126* | miR-499 |
| miR-203 | miR-31 | miR-125a | miR-127 | |
| miR-20b | miR-338 | miR-125b | miR-130a | |
| miR-213 | miR-34b | miR-126* | miR-132 | |
| miR-218 | miR-34c | miR-127 | miR-133a | |
| miR-223 | miR-373 | miR-130a | miR-133b | |
| miR-224 | miR-422a | miR-132 | miR-134 | |
| miR-301 | miR-489 | miR-133a | miR-136 | |
| miR-31 | miR-512-3p | miR-133b | miR-140 | |
| miR-338 | miR-518a-2* | miR-134 | miR-143 | |
| miR-34b | miR-519d | miR-136 | miR-145 | |
| miR-34c | miR-93 | miR-137 | miR-148a | |
| miR-373 | miR-95 | miR-140 | miR-151 | |
| miR-422a | miR-130b | miR-143 | miR-152 | |
| miR-429 | | miR-145 | miR-154* | |
| miR-483 | | miR-148a | miR-17-3p | |
| miR-499 | | miR-151 | miR-186 | |
| miR-512-3p | | miR-152 | miR-188 | |
| miR-518a-2* | | miR-153 | miR-18a* | |
| miR-519d | | miR-154* | miR-190 | |
| miR-522 | | miR-17-3p | miR-192 | |
| miR-7 | | miR-186 | miR-193a | |
| miR-93 | | miR-188 | miR-199a | |
| miR-95 | | miR-189 | miR-204 | |
| miR-10a | | miR-18a* | miR-20a | |

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miR-222
miR-23b
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miR-299-3p
miR-133a
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